

Java Sample Programs

Basic Programs

Program - 1

```
// To print "Hello Java !!!" string in a java program

package basicPrograms;

public class welcomeJava {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        System.out.println("Hello, Java !!!");

    } // End of main

} // End of class
```

Program - 2

```
// To print all even numbers ranging 0 to 100

package basicPrograms;

public class evenNumber {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int i;

        for(i=0; i<=100; i++) {

            if(i%2 == 0) {
                System.out.println("Even number : " + i);
            }
        } // End of main

    } // End of Class
```

Program - 3

```
// Finding largest number out of 3 given numbers

package basicPrograms;

public class findLargest {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int a = 10;
        int b = 20;
        int c = 30;

        if(a>=b && a>=c ) {

            System.out.println("a is the largest number : " + a);
        }

        else if (b>=a && b>=c ){
            System.out.println("b is the largest number : " + b);
        }

        else {
            System.out.println("c is the largest number : " + c);
        }

    } // End of main
} // End of class
```

Program - 5

// do while example

```
package basicPrograms;
```

```
public class doWhileexample {
```

```
    public static void main(String[] args) {  
        // TODO Auto-generated method stub
```

```
        int i=0;
```

```
        do {
```

```
            if(i%2 == 0) {
```

```
                System.out.println("The number is even: " + i);
```

```
            }
```

```
            i++;
```

```
        } while (i<=10);
```

```
    } // End of main
```

```
} // End of class
```

Program - 6

// Using an Array in java - Example

```
package basicPrograms;

public class arrayDemo {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        String[] cars = {"BMW", "Maruti", "AUDI", "Volvo"};

        System.out.println("Car name is " + cars[1]);

        System.out.println("The length of the array is " + cars.length);

        for(int i=0; i<cars.length; i++ ) {

            System.out.println("** The Car name is : " + cars[i]);

        }

        for (String i : cars) {

            System.out.println("The car name is : " + i);

        }

    }

}
```

Program - 7

```
// To print odd numbers ranging 0 to 100
package basicPrograms;
public class oddNumber {
    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int i=0;

        while (i<=100) {
            if(i%2 != 0) {
                System.out.println("odd number: " + i);
            }
            i++;
        }
    }
}
```